

INFORMATION DISCLOSURE CITATION

Sheet 2 of 4

Applicant: Glenn McGall

Filing Date: August 31, 2000

AUG 03 2001

Group: 1641

U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
AB	BA	5,491,074	02/13/96	Aldwin et al.	435	69.7	05/24/93
	BB	5,510,270	04/23/96	Fodor et al.	436	518	09/30/92
	BC	5,527,681	06/18/96	Holmes	435	6	11/05/92
	BD	5,550,215	08/27/96	Holmes	530	334	11/28/94
	BE	5,556,752	09/17/96	Lockhart et al.	435	6	10/24/94
	BF	5,571,639	11/05/96	Hubbell et al.	430	5	05/24/94
	BG	5,593,839	01/14/97	Hubbell et al.	435	6	06/02/95
	BH	5,599,695	02/04/97	Pease et al.	435	91.1	02/27/95
	BI	5,624,711	04/29/97	Sundberg et al.	427	261	04/27/95
	BJ	5,631,734	05/20/97	Stern et al.	356	317	02/10/94
	BK	5,639,603	06/17/97	Dower et al.	435	6	11/02/93
	BL	5,677,195	10/14/97	Winkler et al.	436	518	11/20/92
	BM	5,677,388	10/14/97	Koster et al.	525	314	10/08/96
AB	BN	5,708,102	01/13/98	Fryd et al.	526	172	03/03/95

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
AB	BO	WO 92/20702	11/26/92	PCT WIPO			X	
AB	BP	WO 99/06425	02/11/99	PCT WIPO			X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

AB	BQ	Georges et al., "Narrow Molecular Weight Resins by a Free-Radical Polymerization Process," <i>Macromolecules</i> , 26:2987-2988 (May 24, 1993)					
AB	BR	Greszta et al., "Living Radical Polymerization. 1. Possibilities and Limitations," <i>Macromolecules</i> , 27:638-644 (Jan. 31, 1994)					
AB	BS	Hawker, "Molecular Weight Control by a 'Living' Free-Radical Polymerization Process," <i>J. Am. Chem. Soc.</i> , 116:11185-11186 (1994)					

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.

AUG 03 2001

USPTO Form 144 9

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 03848-00050

Serial No. 09,652,962

INFORMATION DISCLOSURE CITATION

Sheet 3 of 4

Applicant: Glenn McGall

Filing Date: August 31, 2000

Group: 1641

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
MS	CA	5,728,747	03/17/98	Kazmaier et al.	522	11	08/08/96
	CB	5,744,101	04/28/98	Fodor et al.	422	131	02/14/95
	CC	5,744,305	04/28/98	Fodor et al.	435	6	06/06/95
	CD	5,753,788	05/19/98	Fodor et al.	536	22.1	05/19/95
	CE	5,770,456	06/23/98	Holmes	436	518	05/13/96
	CF	5,773,571	06/30/98	Nielsen et al.	530	300	02/01/96
	CG	5,786,461	07/28/98	Buchardt et al.	536	18.7	05/01/97
	CH	5,807,937	09/15/98	Matyjaszewski et al.	526	135	11/15/95
	CI	5,831,070	11/03/98	Pease et al.	536	25.3	04/19/96
	CJ	5,843,655	12/01/98	McGall	435	6	09/18/95
	CK	5,852,129	12/22/98	Kusakabe et al.	525	330.3	11/28/97
	CL	5,856,011	01/05/99	Sogabe	428	411.1	10/14/97
MS	CM	6,022,963	02/08/00	McGall et al.	536	25.3	04/10/96

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
MS	CN	WO 00/43539	07/27/00	PCT WIP0				
MS	CO	WO 00/61282	10/19/00	PCT WIP0				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MS	CP	Hiltunen et al., "Effect of Catalyst and Polymerization Conditions on the Preparation of Low Molecular Weight Lactic Acid Polymers," <i>Macromolecules</i> , 30:373-379 (Feb. 10, 1997)
MS	CQ	Huang and Wirth, "Surface-Initiated Radical Polymerization on Porous Silica," <i>Analytical Chemistry</i> , 69:4577-4580 (Nov. 15, 1997)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.**Copies of references not provided at the time of this submission.

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 03848-00050

Serial No. 09/652,962

INFORMATIONAL DISCLOSURE CITATION

Sheet 4 of 4

Applicant: Glenn McGall

Filing Date: August 31, 2000

Group: 1641

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	DA						
	DB						
	DC						
	DD						

RECEIVED

AUG 03 2001

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	DE							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

NR	DF	Husseman et al., "Controlled Synthesis of Polymer Brushes by "Living" Free Radical Polymerization Techniques," <i>Macromolecules</i> , 32:1424-1431 (March 9, 1999)
NR	DG	Kobayashi et al., "Silane Coupling Agent Having Dithiocarbamate Group for Photographing of Sodium Styrene Sulfonate on Glass Surface," <i>J. Appl. Poly. Sci.</i> , 49:447-423 (July 15, 1993)
NR	DH	Lee et al., "Polymerization of Vinyl Monomers Initiated by Chromium ^(III) Acetate+Organic Peroxides," <i>J. Chem. Soc. Trans. Faraday Soc. I</i> , 74:1726 (1978)
NR	DI	McGall et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," <i>J. Am. Chem. Soc.</i> , 119:5081-5090 (June 4, 1997)
NR	DJ	Prucker and R��he, "Synthesis of Poly(styrene) Monolayers Attached to High Surface Area Silica Gels through Self-Assembled Monolayers of Azo Initiators," <i>Macromolecules</i> , 31:592-601 (1998)
NR	DK	Prucker and Ruehe, "Grafting of polymers to microparticulate silica by using immobilized azo initiators," <i>Macromolecular Chemistry II</i> , University Bayreuth, <i>Trans. Mater. Res. Soc. Jpn.</i> 15A:529-532 (1994)
NR	DL	Tovar et al., "Patterning molecularly thin films of polymers—new methods for photolithographic structuring of surfaces," <i>Supramol. Sci.</i> , 2(2):89-98 (1995)
NR	DM	Yamamoto et al., "Preparation of well-defined polymer brushes on silicon substrate by the surface-initiated ATRP technique and their characterization," <i>Polym. Prepr. (Am. chem. Sc., Div. Polym. Chem.)</i> 40(2):401-402 (1999)
NR	DN	Young and Davis, "Efficient Isolation of Genes by Using Antibody Probes," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 80:1194-1198 (March 1983)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.**Copies of references not provided at the time of this submission.

INFORMATION DISCLOSURE CITATION

Sheet 1 of 4

Applicant: Glenn McGall

RECEIVED

Filing Date: August 31, 2000

Group: 1641

AUG 03 2001

U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
MS	AA 4,581,429	04/08/86	Solomon et al.	526	220	07/11/84
	AB 5,143,854	09/01/92	Pirrung et al.	436	518	03/07/90
	AC 5,242,974	09/07/93	Holmes	525	54.11	11/22/91
	AD 5,288,514	02/22/94	Ellman	427	2	09/14/92
	AE 5,312,871	05/17/94	Mardare et al.	525	272	07/27/93
	AF 5,324,663	06/28/94	Lowe	435	320.1	07/20/92
	AG 5,384,261	01/24/95	Winkler et al.	436	518	11/22/91
	AH 5,405,783	04/11/95	Pirrung et al.	436	518	03/12/92
	AI 5,412,087	05/02/95	McGall et al.	536	24.3	04/24/92
	AJ 5,424,186	06/13/95	Fodor et al.	435	6	12/06/91
	AK 5,445,934	08/29/95	Fodor et al.	435	6	09/30/92
	AL 5,451,683	09/19/95	Barrett et al.	548	302.7	04/23/93
	AM 5,482,867	01/09/96	Barrett et al.	436	518	04/23/93
MS	AN 5,489,678	02/06/96	Fodor et al.	536	22.1	02/16/95

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	AO JP H2-34479	02/05/90	Japan				X
	AP JP H3-99702	04/24/91	Japan				X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MS	AQ	Biesalski and R��he, "Preparation and Characterization of a Polyelectrolyte Monolayer Covalently Attached to a Planar Solid Surface," <i>Macromolecules</i> , 32:2309-2316 (April 6, 1999)
MS	AR	Chang and Frank, "Grafting of Poly(γ -benzyl-L-glutamate) on Chemically Modified Silicon Oxide Surfaces," <i>Langmuir</i> , 12:5824-5829 (Nov. 12, 1996)
MS	AS	Chang and Frank, "Vapor Deposition-Polymerization of α -Amino Acid N-Carboxy Anhydride on the Silicon(100) Native Oxide Surface," <i>Langmuir</i> , 14:326-334 (Jan. 20, 1998)

EXAMINER

DATE CONSIDERED 7/26/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.